

In the Claims

Claims 1-33 (Canceled).

34. (Currently Amended) A method in a mobile wireless communication handset, comprising:

receiving base station location information of a cellular communication base station;

receiving base station cellular area information for the cellular communication base station for which the base station location information is received;

receiving a bearing and bearing angular width information for the cellular communication base station;

determining, at the mobile wireless communication handset, a coarse location of the mobile wireless communication handset based on the base station location information, the base station cellular area information, the bearing and the bearing angular width information, and on the cellular area information.

35. (Previously Presented) The method of Claim 34, determining a refined location of the mobile wireless communication handset based on the coarse location.

36. (Previously Presented) The method of Claim 34, the mobile wireless communication handset is a global positioning system (GPS) enabled mobile wireless communication handset, determining a GPS based location of

the mobile wireless communication handset, reducing a GPS search space with the coarse location when determining the GPS based location of the mobile wireless communication handset.

37. (Canceled)

38. (Currently Amended) The method of Claim 34 [[37]], measuring power of a signal transmitted by the cellular communication base station, determining the coarse location of the mobile wireless communication handset based on the base station location information, the base station cellular area information, the bearing and the bearing angular width information, and the power measurement.

39. (Canceled)

40. (Canceled)

41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Canceled)

45. (Canceled)

46. (Canceled)

47. (Currently Amended) A method in a cellular communication system comprising a network of cellular base stations, the method comprising:

transmitting base station location information from at least one cellular base station;

transmitting a cellular area of the at least one cellular base station for which the base station location information is transmitted;

transmitting, from the network, bearing information of the base station;

transmitting bearing angular width information for the cellular base station;

determining the coarse location of the mobile wireless communication device in the network based upon the base station location information, the cellular area of the corresponding cellular base station, and the bearing and the bearing angular width information.

48. (Previously Presented) The method of Claim 47, determining a coarse location of a mobile wireless communication device in the network based upon the base station location information, the cellular area, and the bearing information of the at least one cellular base station.

49. (Canceled)

50. (Canceled)

51. (Previously Presented) The method of Claim 47, measuring power of a signal from the cellular base station, determining the coarse location of the mobile wireless communication device in the network based

upon the base station location information, the cellular area of corresponding cellular base station, the bearing information, and the power measurement.

52. (Previously Presented) The method of Claim 47, transmitting the base station location information, the cellular area, and the bearing information in a Provide Base Station Almanac Message.

53. (Previously Presented) The method of Claim 47, transmitting the base station location information, the cellular area, and the bearing information in a common message.

54. (Canceled)

55. (Canceled)